

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

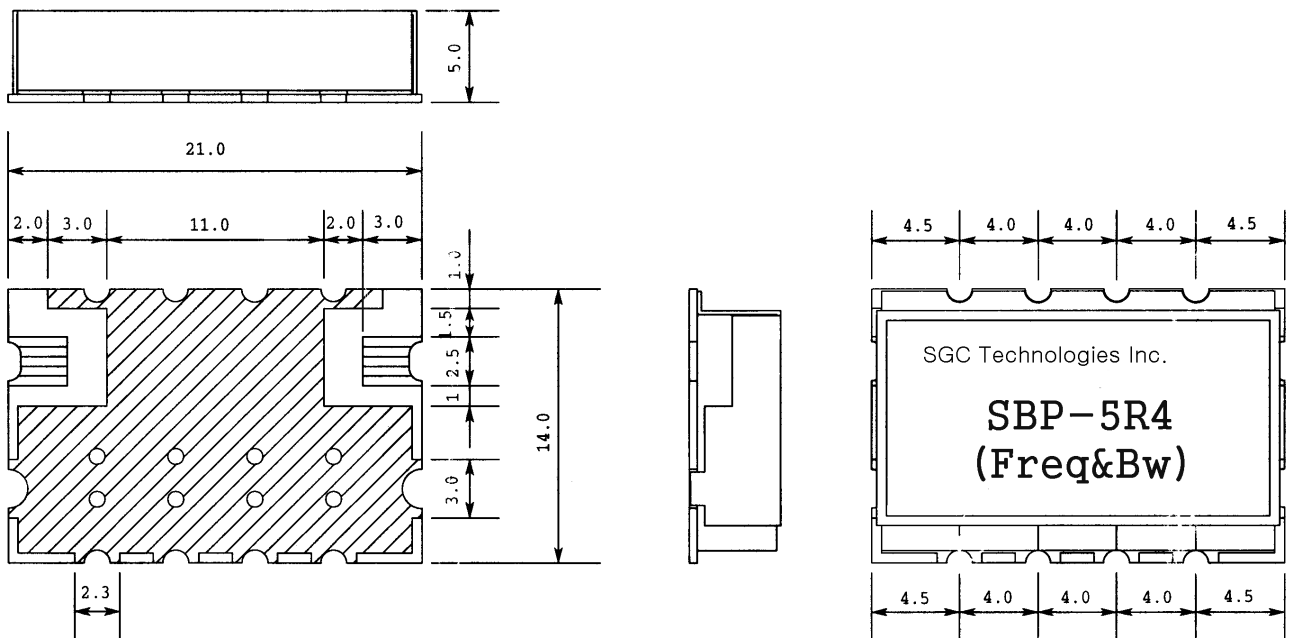
PRODUCT NAME: SBP-5R4 TYPE

PART NO: SBP-5R4-1140BP280M

Center frequency	1140MHz
Pole	5
Bandwidth(BW)	Fo $\pm$ 140 MHz
Insertion Loss	2.0 dB MAX
VSWR in BW	2.0 MIN
Ripple in BW	1.0 dB MAX
Attenuation	40dB MIN at 600 MHz 40dB MIN at 1680 MHz
In/Out Impedance	50 ohm

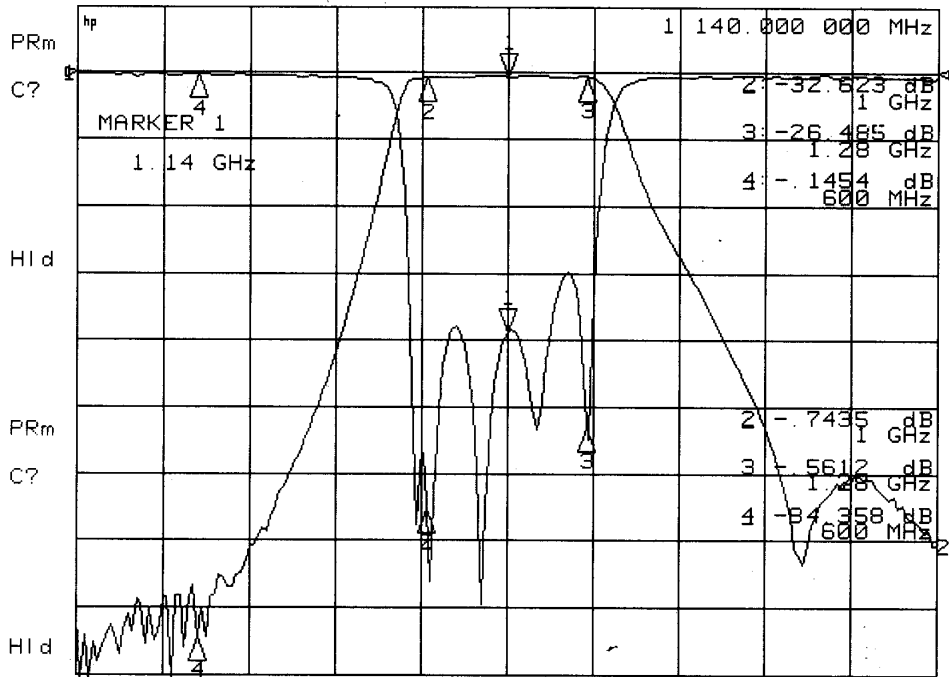
NOTE:

EQUIPMENT used :HP 8753E



SBP-5R4-1140BP280M

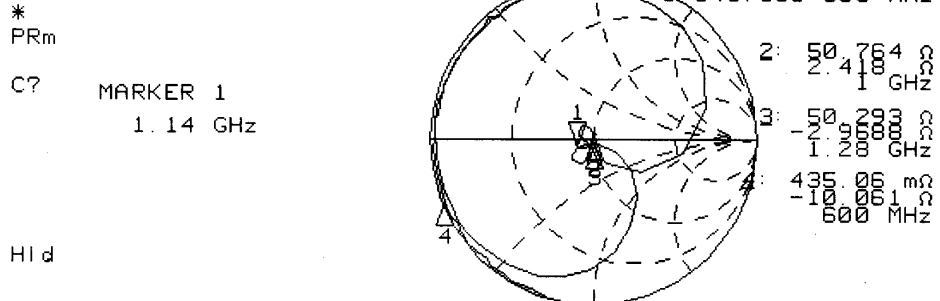
CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1: -19.406 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1: -5316 dB



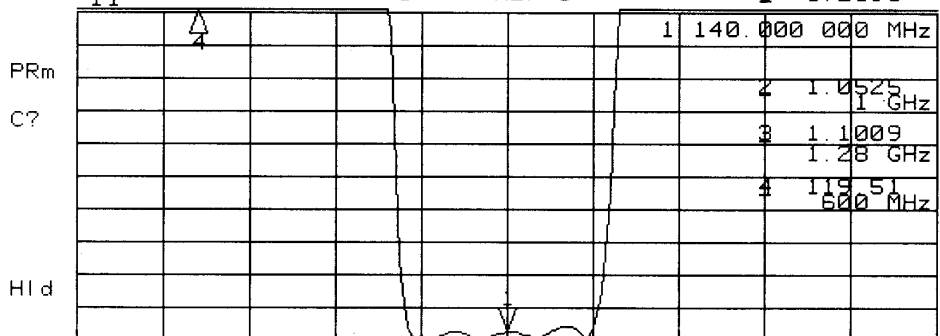
CENTER 1 140.000 000 MHz

SPAN 1 500.000 000 MHz

14 Jul 2004 13:44:27
 CH1 S₁₁ 1 U FS 1: 40.781 Ω -3.1035 Ω 44.984 pF
 * hp 1 140.000 000 MHz



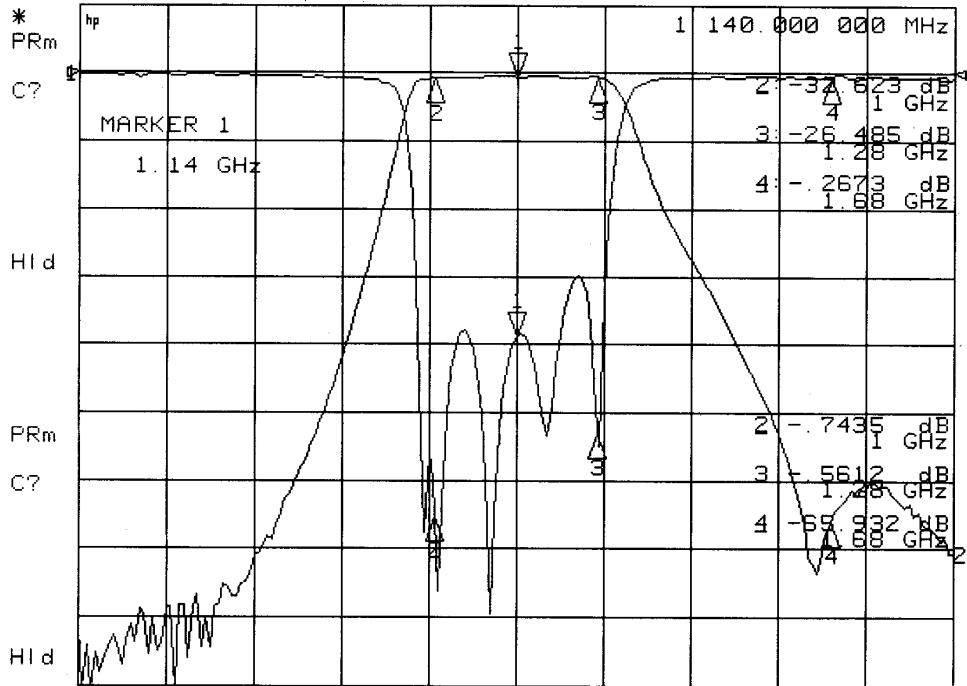
CH2 S₁₁ SWR 1 / REF 1 1 1.2398



CENTER 1 140.000 000 MHz

SPAN 1 500.000 000 MHz

CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1: -19.406 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1: -53.16 dB

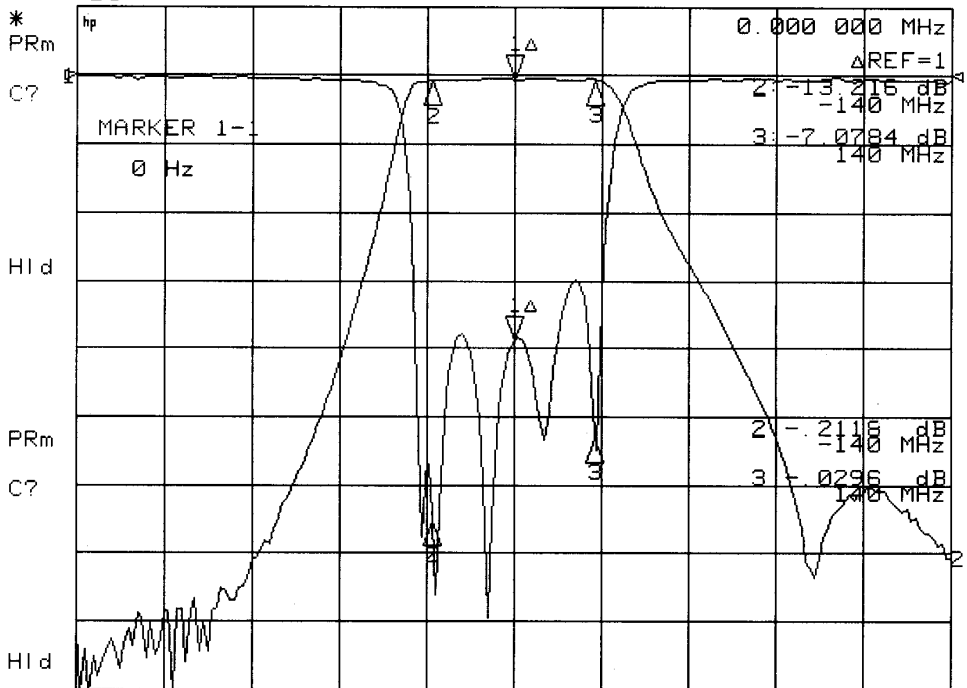


CENTER 1 140.000 000 MHz

SPAN 1 500.000 000 MHz

14 Jul 2004 13:45:14

CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1: 0 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1: 0 dB



CENTER 1 140.000 000 MHz

SPAN 1 500.000 000 MHz